

# Total immersion in movies and music

Ergonomically designed, the MX5800SA is a 5 DVD/SACD performance-oriented Home Entertainment System bestowed with superior technological features to provide the ultimate movie and music experience - right at home.

**Unrivalled audio and video performance**

- Multi-channel Super Audio CD for total music immersion
- Twin Subs™ Bass Pipes are integrated in speaker columns
- Neodymium Ribbon Tweeters for crystal-clear sound quality
- Cinema Centre Speaker™ for realism cinematic experience
- Class 'D' digital amplifier for quality sound performance
- DTS, Dolby Digital 5.1 and Dolby Pro Logic II

**Plays practically any disc format**

- Movies: DVD, DVD+R/RW, DVD-R/RW, (S)VCD
- Music: SACD, CD, MP3-CD, CD-R and CD-RW music

**Quick and easy set-up**

- Seating Control™ provides best sound performance sweet spot
- Easy set-up to initialise your total home entertainment



## Technical specifications

### Sound

- **Sound system:** Dolby Digital (AC-3), DTS, Matrix surround, MPEG2, Dolby Prologic II
- **D/A converter:** 24 bit, 192 kHz
- **Frequency response:** 30-30000 Hz
- **Equaliser settings:** Classic, Jazz, Drama, Action, Sci-Fi, Digital, Concert, Rock
- **Signal to noise ratio:** >65 dB
- **Total sound power (RMS):** 500 W
- **Sound enhancement:** Clear Voice, Treble and bass control, Incredible surround, Class "D" digital amplifier, Night Mode, Seating control
- **Output power:** 6 x 85W RMS

### Loudspeakers

- **Centre speaker:** 2 way, Magnetically shielded, Cinema centre speaker
- **Centre freq range:** 120-30000 Hz
- **Subwoofer freq range:** 30-120 Hz
- **Satellite speaker freq range:** 120-50000 Hz
- **Centre speaker impedance:** 4 ohm
- **Satellite speaker impedance:** 4 ohm
- **Subwoofer impedance:** 8 ohm
- **Satellite speaker:** Magnetically shielded front
- **Satellite speaker drivers:** 3" ribbon tweeter, 2x 3" mid range woofer
- **Centre speaker drivers:** 1.75" tweeter, 4x 2" mid range woofers
- **Subwoofer type:** TwinSubs
- **Subwoofer driver:** 2 x 4" long throw woofer

### Video playback

- **Compression formats:** MPEG1, MPEG2
- **Playback Media:** SVCD, Video CD, DVD-Video, DVD+RW, DVD-R, DVD-RW (Video mode), DVD+R
- **Disc playback modes:** Repeat, A-B Repeat
- **Loader type:** Tray
- **Video disc playback system:** NTSC, PAL
- **Number of discs:** 5

### Audio Playback

- **Compression format:** MP3, Dolby Digital, DTS, PCM, MPEG2 Multichannel
- **Playback Media:** CD, CD-R, CD-RW, MP3-CD, SACD multichannel, SACD Stereo
- **Disc playback modes:** Repeat one / album / all, Shuffle play, Fast forward / backward, Next / previous album search, Next / previous track search
- **MP3 bit rates:** 32-256 kbps

### Tuner / Reception / Transmission

- **Tuner bands:** FM stereo, MW

- Auto digital tuning
- Auto store
- **Number of preset channels:** 40
- **RDS:** Station name

### Connectivity

- **Other connections:** MW antenna, Analogue audio left / right in, Digital coaxial in, Line out, S-Video out, FM antenna, SCART I (CVBS, S-video/RGB out), Composite video (CVBS) out, Digital coaxial out, Subwoofer pre out
- **Front / Side connections:** Headphone out
- **Headphone:** 6.3 mm

### Convenience

- **Child Protection:** Parental control
- **Remote control:** Multi functional
- **Display type:** On screen (OSD), LCD

### Accessories

- **Included accessories:** AC power cord, Scart cable, FM/MW antenna, Warranty certificate, User manual, Quick user guide, Remote control, 2x front satellite speakers, 2x rear satellite speakers, 1x centre speaker, 2x TwinSub subwoofer/stand
- **Included batteries:** 2x Longlife AA

### Power

- **Power supply:** 200-240 V, 50/60 Hz
- **Standby power consumption:** < 0.5 W

### Picture / Display

- **Aspect ratio:** 4:3, 16:9
- **D/A converter:** 10 bit, 54 MHz

### Dimensions

- **Center speaker dimensions (W x H x D):** 435 x 72 x 63.5 mm
- **Centre speaker weight:** 1.3 kg
- **Packaging dimensions (W x H x D):** 994 x 410 x 544 mm
- **Set dimensions (W x H x D):** 435 x 100 x 360 mm
- **Set Weight:** 7.2 kg
- **Subwoofer dimensions (W x H x D):** 110 x 940 x 110 mm
- **Subwoofer weight:** 4.5 kg
- **Surround Speaker dimensions (W x H x D):** 94 x 280 x 70 mm
- **Surround speaker Weight:** 1.2 kg
- **Weight incl. packaging:** 34.2 kg

## Product highlights

### Multi-channel Super Audio CD

Multi-channel SACD is a new generation music format that offers ultra high quality music reproduction. With a 5.1 multi-channel surround sound and full CD compatibility both forward and backward, what results is unsurpassed audio performance for your listening pleasure.

### Twin Subs™

Twin Subs™ give you increased bass performance due to downward firing woofers, enhanced accuracy because of real non directional bass distribution and clean, easy set up with twin subs integrated in the speaker columns.

### Neodimium Ribbon Tweeters

Enjoy unparalleled, natural and crystal-clear sound quality with Omni-directional Neodymium Ribbon Tweeter. Dipoles that radiate high frequency sounds in a full 360-degree pattern results in a very 'open' wide sound spectrum that delivers crisp clarity and high-pitched detail in the higher tones. This further enhances the surround experience in a multi-channel system and is especially noticed when listening to Super Audio CD sound where the clarity in music is excellent.

### Cinema Centre Speaker™

Recreate and experience realism cinematic experience right in your environment with Cinema Centre Speaker™. With a wider sweet spot delivered by four multi-directional woofers and a high frequency tweeter positioned precisely at different angles, more sound depths are distinguished from front and background and action from dialogue. Natural and crystal clear sound reproduction are created through the revolutionary new 2" full range woofers to give an incredible 'through the screen' experience which creates the sensation of being not just in the cinema but in the movie itself.

### Class D Amplifier

Class 'D' digital amplifier takes an analogue signal, converts it into a digital signal and then amplifies the signal digitally. The signal then enters a demodulation filter to give the final output. The amplified digital output delivers all the advantages of digital audio, including improved sound quality. In addition, Class 'D' digital amplifier has greater than 90% efficiency compared to traditional AB amplifiers. This high efficiency translates into a powerful amplifier with a small footprint.

### DTS, Dolby Digital 5.1 and PL2

A built-in DTS and Dolby Digital decoder eliminates the need for an external decoder by processing all six channels of audio information to provide a surround sound experience and an astoundingly natural sense of ambience and dynamic realism. Dolby Pro Logic II provides five channels of surround processing from any stereo source.

### Seating Control™

Achieve best sound performance with Seating Control™ by choosing your preferred seat via the Joystick Remote Control. Select your room layout and 3D speakers setup with ease and get set for a real total sound immersion experience.

### Multi-format Movies

Multi format playability allows you to play most disc formats for maximum disc compatibility and viewing pleasure.



Date of issue 2005-12-09

Version: 5.0

12 NC: 9073 100 11195  
EAN: 87 10895 74204 7

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